

Begin

#202

Kalmykov, A.F
TO

KALMYKOV, A.F.; SOKOLOV, A.S.; TUSHINA, A.M.

Mau-Coc apatite deposit in Vietnam. Trudy GIGKHS no.7:139-191 '62.
(MIRA 16'5)

(Vietnam, North—Apatite)

KALMYKOV, A.F.; DMITROVSKIY, V.I.

Possibility for using underground waters to irrigate land
in Kazakhstan. Razved. i okh. nedr. 30 no.5:43-45 My '64.
(MIRA 17:10)

1. Ministerstvo geologii i okhrany nedr Kazakhskoy SSR (for
Kalmykov). 2. Kazakhskiy gidrogeologicheskiy trest (for
Dmitrovskiy).

KRASIKOV, Z. O.; KALMYKOV, A. G.

KRASIKOV, Z. O.; KALMYKOV, A.G.

Feeding and Feeding Stuffs

Hack work instead of a textbook ("Feed production on collective farms of Siberia."
Z. O. Krasikov, A. G. Kalmykov. Reviewed by I. S. Smirnov). Korm. baza, 3 No. 1, 1952.

Monthly List of Russian Acquisitions, Library of Congress, April 1952. UNCLASSIFIED.

KALMYKOV, A.G.; NEDBAYLO, Ye.F.

Effect of fertilizers on the yields in the corn-wheat
wheat link of crop rotation. Pochvenovedeniye no. 6434-35
Je '65. (MIRA 1965)

1. Donetsk sel'skokhozyaystvennyy institut. Submitted
Nov. 25, 1963.

KALMYKOV, A.I., inzh.

Reliability of the welding of steam superheaters of 200 Mw. blocks
of the Zmiyev State Regional Electric Power Plant. Tepoenergetika
12 no.7:33-35 JI '65. (MIRA 18:7)

1. Zmiyevskaya gosudarstvennaya rayonnaya elektrostantsiya.

SOV/28-59-5-3/30

25 (

AUTHOR: Kalmykov, A.I., Engineer

TITLE: The Central Base for the Loan of USP.

PERIODICAL: Standartizatsiya, 1959, Nr 5, pp 9-11 (USSR)

ABSTRACT: The author describes the Center for Universal Assembled Fittings (USP Universalno-Sbornyye Priso-sobleniya) opened in Moscow in 1958. During the first 8 months over 186,000 units were brought together and it is estimated that this initial investment of about 10 million rubels will be recouped in 18 months. Economies have been realized at the individual works from the abandoning of construction of their own fittings. For instance, Avtomavod imeni Likhacheva (Automobile Plant imeni Likhachev) paid only 2,800 rubels to rent USP, while the costs of building them at the works would have been 33,000 rubels. The Moscow Center occupies 270 sq/m and is operated by 59 assistants. It has units of fittings for working metal parts from 10 mm to 1.5 m diameter guaranteeing

Card 1/2

KALMYKOV, A.I., nachal'nik radiobyuro Moskovskoy' direktsii radiosvyazi.

~~Method of improving the quality index in radio communication.~~

Method of improving the quality index in radio communication.
(MLRA 9:1)

Vest.svyazi 7 no.7:8 J1 '47.

(Radio)

(N) L 11821-66 EWT(d)/EWT(1)/EEC(k)-2 RB/GW/WS-2
ACC NR: AP6032296 SOURCE CODE: UR/0141/65/008/006/1117/1127

AUTHOR: Kalmykov, A. I.; Ostrovskiy, I. Ye.; Rozenberg, A. D.; Fuka, I. M.

ORG: Institute of Radio Physics and Electronics, AN UkrSSR (Institut radiofiziki i elektroniki AN UkrSSR)

TITLE: Effect of sea-surface structure on the spatial characteristics of scattered radiation

SOURCE: IWUZ. Radiofizika, v. 8, no. 6, 1965, 1117-1127

TOPIC TAGS: sea wave scatter, radio wave scattering

ABSTRACT: The spatial correlation radius of scattered electromagnetic radiation, and its connection with the dimensions of inhomogeneities of the sea surface have been theoretically and experimentally studied. The theory assumes this model of the sea surface that scatters radio waves in the cm-band: large swells, to which the Kirchhoff principle is applicable, and small ripples causing reflections which can be analyzed by a disturbance method. The theoretical results are used to interpret the experimentally found radii of correlation of radio-signal envelopes, the signals being scattered by separated sea areas. A special radar correlometer having high range resolution was used for measurements within 30-cm to 4-m band. Simultaneously with radio-wave measurements, sea-wave characteristics were also measured. The

Card 1/2

UDC: 538.561519.25

L 22874-66 EWT(d)/EWT(1)/EEG(k)-2 RB/GW/WS-2

ACC NR: AP6011908

SOURCE CODE: UR/0141/66/009/002/0234/0240

AUTHOR: Rozenberg, A. D.; Ostrovskiy, I. Ye.; Kalmykov, A. I.

ORG: Institute of Radio Physics and Electronics, AN UkrSSR (Institut radiofiziki i elektroniki AN UkrSSR)

TITLE: Frequency shift of radio emission scattered by the surface of the sea

SOURCE: 1VUZ. Radiofizika, v. 9, no. 2, 1966, 234-240

TOPIC TAGS: radio emission, radio wave propagation, radio wave scattering

ABSTRACT: Results of a study of the frequency spectrum of 32-, 10-, and 50-cm and 1.5- and 4-m radio waves scattered over the surface of the sea are reported. A formula was derived for determining the frequency shift of scattered radio emission with respect to the frequency of the incident emission. It can be used for the wave range of 3 cm to 200 m. The measurements demonstrated that the spectrum bandwidth and the center frequency of the shift are dependent on the state of the sea and the angle between the direction of emission and that of the motion of the sea waves. Narrow spectrum bandwidths and the lowest center frequencies corresponded to a quiet sea surface. At high seas, the center frequency and the spectrum bandwidth are dependent on the angle between the emission direction and the direction of the wind. "In conclusion, we consider it our duty to thank V. I. Zel'dis for his assistance."

Orig. art. has: 6 figures and 4 formulas.

[GS]

SUB CODE: 17/ SUBM DATE: 16Mar65/ ORIG REF: 003/ OTH REF: 005/ ATD PRESS: 4234

Card 1/1 UDC: 621.371.165

SOV/35-59-8-6181

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959,
Nr 8, p 14

AUTHOR: Kalmykov, A.M. ✓

TITLE: The Change in Latitab Latitude During the Period From 1955.0 to
1957.5

PERIODICAL: Astron. tsirkulyar, 1958, May 26, Nr 192, pp 17 - 18 ✓

ABSTRACT: From 1955, observations were started according to a new program:
now, instead of two adjacent groups, three two-hourly groups
are being observed. The observations were carried out through
Bamberg's zenith telescope by three observers. The mean latitude
was determined by A.Ya. Orlov's method; it decreased from
39°08'01".64 to 39°08'01".62 in the time from 1955.75 to 1956.75.
The changes of the latitude for the period from 1955.0 to 1957.5
are given in the table.

N.P.K.

Card 1/1

3(1)

S/025/60/000/03/017/045
D048/D002

AUTHOR: Kalmykov, A.M., Director

TITLE: ✓ Latitude Service

PERIODICAL: Nauka i zhizn', 1960,²⁷ Nr 3, pp 44 - 46 (USSR)

ABSTRACT: The author gives a general report on the work of the International Latitude Service which was established in 1898 and includes latitude stations in Japan, Italy, USA and USSR. The main field of scientific observations is the variation of latitude. The Russian station at the town of Chardzha existed until 1919. In 1925, the Kitab station was built on the international parallel 39°08'. During WW II, the Soviet Union organized its own latitude service in which the following observatories (besides the Kitab station) participated: The Pulkovskaya observatoriya (Pulkovo Observatory), the Poltavskaya observatoriya

✓

Card 1/3

S/025/60/00G/03/017/045
D048/D002

Latitude Service

(Poltava Observatory), the Kazanskaya observatoriya imeni Engel'gardta (Kazan' Observatory imeni Engel'gardt) and later on in connection with the International Geophysical Year, the station at Blagoveshchensk-on-Amur and the Irkutskaya observatoriya (Irkutsk Observatory). At the Kitab station, the world's largest Soviet-made "APM-2" zenith telescope (Figure 4) is placed. Its objective is 180 mm and the focal length is 2,360 mm. In China, the Tyan'tszin latitude station has been established on the same 39°08' parallel as the Kitab station. On this occasion the director of the new Chinese station, Professor Tszou I-sin' and docent Lo-Din-Tsyan visited the Kitab station and its present director, A.M. Kalmykov, to study the method of observation according to the international pro-

Card 2/3

S/025/60/000/03/017/045
D048/D002

Latitude Service

gram and some other problems. There are 3 photo-
graphs and 1 graph. ✓

ASSOCIATION: Kitabskaya Mezhdunarodnaya shirotnaya stantsiya
imeni Ulugbeka (Kitab International Latitude Station
imeni Ulugbek)

Card 3/3

S/032/61/000/012/015/015
B139/B147

AUTHOR: Kalmykov, A. I.

TITLE: *Exchange of experience*

PERIODICAL: *Zavodskaya laboratoriya*, v.27, no. 12, 1961, 1547

TEXT: The author suggests the production of high-temperature heating elements for use in air-heated furnaces at 1200-1650°C. For this purpose, porous graphite is filled with molybdenum disilicide. To a prepared sample of porous graphite a layer moistened with alcohol (acetone) was applied.

This layer consisted of a mixture of molybdenum-disilicide and silicon powders. The graphite sample was fired in a vacuum furnace at 2100°C and 5·10⁻² mm Hg. It was covered with several layers and repeatedly fired until it was completely filled. The graphite samples filled with MoSi₂,

from the surface of which a 2-3-mm layer was removed, were subjected to a heat-resistance test in air. It was found that at 750°C the samples were less resistant to corrosion than at higher temperatures. This is due to the absence of a glassy oxide film on the surface at these temperatures.

Card 1/2

S/035/61/000/004/018/058
A001/A101

3.14.10

AUTHOR: Kalmykov, A. M.

TITLE: On the activity of the Kitab International Latitude Station imeni
Ulugbek, AS UzSSR, from December 1955 to April 1958

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 4, 1961, 17,
abstract 4A213 ("Tr. 14-y Astrometr. konferentsii SSSR, 1958".
Moscow-Leningrad, AN SSSR, 1960, 58-59, Engl. summary)

TEXT: Observations of latitude variations are conducted according to the
IGY program, using the second 3 1/4"-180 (ZTL-180) zenith telescope which was put
into operation in August 1957. Altogether 6,307 observations of latitude pairs
were made. Observational results were forwarded to the International Latitude
Service Office (Turin) and the Office of the Soviet Latitude Service (Poltava).
D. I. Kravtsev completed the processing of a 8-year (1947-1954) cycle of observa-
tions. Both of zenith telescopes were investigated. In 1957 a large-scale
construction was carried out at the Station (road, fences, garage, pond, electric
power station, mechanical shop) and personnel was doubled. Popularization work
is being carried out. D. Polozhentsev

[Abstractor's note: Complete translation]
Card 1/1

KALMYKOV, A-M.

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PHASE I BOOK EXPLOITATION

SGT/5742

Akademiya nauk SSSR. Mezhdunarodnyy komitet po provedeniyu i razvitiyu
spetsificheskogo goda. VIII razdel programmy IIG: Shiroty i dolgoty.

Prodvizheniye rezul'taty issledovaniy kolebaniy shirot i dvizheniya polusov
zemli; sbornik statey (Preliminary Data of Latitude Variations and Migrations
of the Earth's Poles; Collected Articles. No. 1) Moscow, Izd-vo AN SSSR,
1960. 97 P. Errata slip inserted. 1,000 copies printed.

NOTE: This collection of articles is intended for astronomers, geophysicists,
and other scientists concerned with the problem of latitude variations and
the migration of the Earth's poles.

COVERAGE: Part I of the collection contains preliminary results of latitude
observations from 1957.5 through 1959.0 made at IGY stations in the USSR
network, including new stations in Siberia. Part II consists of articles
describing new instruments, observational programs and methods, and pro-
cedures of processing the latitude observational data. With the larger number
of stations and the use of new instruments it is anticipated that the final
results will provide a more comprehensive study of anomalies and instrumental

Card 1/5

Preliminary Data of Latitude Variations (Cont.)

551/5742

errors in latitude observations than has been possible previously. No personalities are mentioned. English abstracts and references follow each article.

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Konstantinova, S. V., L. D. Kostina, and N. R. Andreyenko. Latitude Observations at the Main Astronomical Observatory of the Academy of Sciences USSR (Freyberg-Kondrat'yev Zenith-Telescope)

7

Kravchenko, Ye. I., I. P. Ozerodnik, and O. V. Chapunova. Observations of Talcott Pairs at the Poltava Gravitational Observatory of the Ukrainian Academy of Sciences (Zeiss Zenith-Telescope)

9

Tonov, H. A. Observations of Bright Zenith Stars at the Poltava Gravitational Observatory of the Ukrainian Academy of Sciences (Zeiss Zenith-Telescope)

13

Card 2/5

Preliminary Data of Latitude Variations (Cont.)

001/5742

PART TWO

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Makogov, A. M. Preliminary Results of Comparing Observations With Two Zenith Telescopes of the Kitab Latitude Station During the Period 1957.5-1959.0 43

Chukhova, T. I., O. M. Zhukova, V. V. Kesterov, and Yu. I. Prodan. Preliminary Results of Processing Observations With the Moscow Zenith Telescope During 1958 47

Potter, Kh. I., and V. A. Naumov. Theory and Method of Processing Photographic Zenith Tube [PZT] Observations 56

Baldrahk, H. M., and Kh. I. Potter. List of Stars on the Pulkovo Photographic Zenith Tube [PZT] Program 68

Fabachevskiy, A. A., and Ye. P. Fedorov. On the Question of Evaluating the Accuracy of Latitude Observations 75

Card 4/5

KALMYKOV, A. M.

Cand Phys-Math Sci - (diss) "Study of the variability of latitude of the Kitabskaya International Latitude Station imeni Ulugbek in the years 1955-1960." Tashkent, 1961. 10 pp; (Moscow State Univ imeni M. V. Lomonosov, State Astronomical Inst imeni P. K. Shternberg); 250 copies; price not given; (KL, 7-61 sup, 218)

S/035/62/000/007/018/083
A001/A101

AUTHOR: Kalmykov, A. M.

TITLE: Latitude variations at the Kitab International Latitude Station

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 7, 1962, 24,
abstract 7A179 (In collection: "Predvarit. rezul'taty issled.
kolebaniy shirot i dvizheniya polyusov Zemli. no. 2", Moscow,
AN SSSR, 1961, 51 - 55, English summary)

TEXT: The author presents the results of processing latitude observations performed from 1955.0 to 1957.5 with a Bamberg zenith-telescope. Since 1955 all international latitude stations changed to the new three-group program, however observations by the old (two-group) program continued until 1956.5 for tying the old and new programs. The method of processing observations is described, and the values of instrument constants are indicated. The following data are given in tables: Latitude values determined from the smoothed-out curve for each 0.1-year epoch; values of mean latitude calculated by A. Ya. Orlov's formula from 1955.75 to 1956.75 with intervals of 0.05 year; latitude variations (in-

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S/035/62/000/007/018/083
A001/A101

Latitude variations at the...

stantaneous latitude minus mean latitude) for each 0.1 year; z-term in the sense "observed latitude minus latitude calculated from pole coordinates of MCCIII (NSSSh)". Mean latitudes, latitude variations and z-term variations are given both for the average of all three groups (evening, night, morning) and for each of them separately. Analogous data for observations by the old program are presented from 1954.0 to 1956.5. It is noted that the new international program has considerable advantages over the old one, but equipment of international stations should be renovated to enable them to function more successfully.

Kh. Potter

[Abstracter's note: Complete translation]

Card 2/2

~~KALMYKOV, A. M.~~

Design and characteristics of maintenance for reduction gears
having hydraulic coupling. Elek.i tepl.tiaga no.10:14-16 O '57.
(MIRA 10:11)

1. Starshiy zavodskiy inspektor TsT Ministerstva putey soobshcheniya.
(Gearing)

KALMYKOV, A.M.

Improving hydromechanical reduction gears. Elek. i tepl. tiaga
2 no.5:13-15 '58. (MIRA 12:4)

1. Starshiy zavodskiy inspektor TSentrali Ministerstva putey
soobshcheniya na Kirovskom zavode, Leningrad.
(Diesel locomotives) (Gearing)

KALMYKOV, A.M. (Leningrad); BERSHADSKIY, P.I. (Leningrad)

M751 diesel locomotive engine. Elek. i tepl. tiaga 3 no.4:9-12
Ap '59. (MIRA 12:7)

1. Starshiy inspektor TSentral'nogo upravleniya tyagi Ministerstva
putey soobshcheniya (for Kalmykov). 2. Inspektor TSentral'nogo
upravleniya tyagi Ministerstva putey soobshcheniya (for Bershadskiy).
(Diesel locomotives)

KALMYKOV, Aleksandr Mikhaylovich, inzh.; BERSHADSKIY, Petr Iosifovich,
inzh.; VOLODIN, A.I., kand. tekhn. nauk, red.; MEDVEDEVA, M.A.,
tekhn. red.

[Design and operation of M751 and M753 diesel engines for
locomotives] Ustroistvo teplovoznnykh dizelei M751 i M753. Moskva,
Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia,
1961. 58 p. (MIRA 14:8)

(Diesel locomotives)

KALMYKOV, A.M.; MAKAROV, M.S.

Careful handling and maintenance of pumps prevents the penetration of water into the lubricating oil of M753 and M756 diesel locomotives. Elek. i topl. tiaga 7 no.10:23
0 '63. (MIRA 16:11)

1. Starshiy zavodskoy inspektor Glavnogo upravleniya lokomotivnogo khozyaystva Ministerstva putey soobshcheniya (for Kalmykov). 2. Zavodskoy inspektor Glavnogo upravleniya lokomotivnogo khozyaystva Ministerstva putey soobshcheniya (for Makarov).

ZEL'TSER, G.Ya.; VOLOBOYEV, I.N.; KOSTIN, A.P.; BULGAKOV, A.A.;
VOZNYUK, V.S.; KALMYKOV, A.M.; STUDENTSOV, S.A.; BERSHIDSKIY,
P.I.; MOISEYEV, G.A., inzh., retsenzent; SOBAKIN, V.V., inzh.,
red.; VOROTNIKOVA, L.F., tekhn. red.

[The TG102 diesel locomotive] Teplovoz TG102. Moskva, Transzheldor-
izdat, 1962. 150 p. (MIRA 16:1)
(Diesel locomotives--Hydraulic drive)

KALMYKOV, A.O. [Kalmykov, A.O.]; MARININ, V.V. [Marinin, V.V.]; SYVCHIN, F.V.
[Syvchin, F.V.]; TIMOFEEV, A.I. [Timofeev, A.I.]

Effect of the geometry of the electrodes of a coaxial gun
on the parameters of plasma clots. Ukr. fiz. zhur. 9 no.9:
1023-1025 S '64. (MIRA 17:11)

1. Lvovskiy gosudarstvennyy universitet im. I. Franko.

KALMYKOV, A.P.; MAKAROV, M.S.

Improvement of M753 and M756 diesel locomotive engines. Elek. i
tepl. tiaga 7 no.6:10-11 Je '63. (MIRA 16:9)

1. Zavodskiy inspektor Glavnogo upravleniya lokomotivnogo
khozyaystva Ministerstva putey soobshcheniya.
(Diesel locomotives)

KOZLOV, L.I.; KOZLOVSKIY, Yu.G.; KALMYKOV, A.S.; ROZIN, M.A.,
red.; PROKOF'YEVA, L.N., tekhn. red.

[Handbook on practical exercise in the mechanization of
production processes in animal husbandry] Praktikum po
mekhanizatsii proizvodstvennykh protsessov v zhivotnovod-
stve. Moskva, Sel'khozizdat, 1963. 271 p.

(MIRA 17:1)

(Stock and stockbreeding--Equipment and supplies)
(Farm mechanization--Study and teaching)

KALMYKOV, A.V.

New cyclone for the filtration of dusty air or gases. Ugol' 36
no. 4:47-48 Ap '61. (MIRA 14:5)
(Dust collectors)

KALMYKOV, A.V.

Combined two-stage dust collector. Ugol' 36 no.11:49-51
N 161. (MIRA 14:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy
institut po obogashcheniyu i briketirovaniyu ugley.
(Dust collectors)

KALMYKOV, A.V.; IGNAT'YEV, V.I.

Direct flow dust collector with centrifugal action. Khim.
prom. 41 no. 12:918-919 D '65. (MIRA 19:1)

RUDENKO, Konstantin Gerasimovich, kand. tekhn.nauk, dots.; KALMYKOV,
Aleksandr Vasil'yevich, inzh.; SHEMAKHANOV, M.M., otv. red.;
ARZAMASOV, N.A., red.izd-va; GARBER, T.N., red.izd-va;
OVSEYENKO, V.G., tekhn. red.; IL'INSKAYA, G.M., tekhn. red.

[Dust removal and collection in mineral dressing] Obespyli-
vanie i pyleulavlivanie pri obrabotke poleznykh iskopaye-
nykh. Moskva, Gosgortekhnizdat, 1963. 422 p. (MIRA 16:3)
(Dust collectors)

KALMYKOV, A.V.; BOZHKO, V.T.

Industrial testing of a combined dust collector of the drum dryer in
the Chumakovo Central Coal Preparation Plant. Koks i khim. no.3:14-17
'63. (MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy
institut po obogashcheniyu i briktirovaniyu ugley (for Kalmykov).
2. Chumakovskaya tsentral'naya ugleobogatitel'naya fabrika (for
Bozhkov).

(Dust collectors--Testing) (Drying apparatus)

KALMYKOV, A.V.

Semi-industrial and industrial testing of a new combined dust collector. Ugol' 38 no.3:52-55 Mr '63.

(MIRA 18:3)

1. Vsesoyuznyy proyektno-konstruktorskiy i nauchno-issledovatel'skiy institut po obogashcheniyu i briketirovaniyu ugley.

ABDURASULOV, D.M.; KALMYKOV, B.N.; NIKISHIN, K.Ye.

Importance of radiographic investigation in the detection of
precancerous conditions of the stomach. Izv.AN Uz.SSR.Ser.
med. no.3:21-28 '59. (MIRA 12:8)

1. Nauchno-issledovatel'skiy institut rentgenologii, rent
genologii, radiologii i onkologii Minzdrava SSSR.
(STOMACH--CANCER) (STOMACH--RADIOGRAPHY)

KALMYKOV, B.N., dotsent; DIMANT, I.N., red.; NAUMOV, A.A., tekhnred.

[Focal pneumonias and radioscopic diagnosis of pneumonias associated with measles] Ob ochagovykh pnevmoniakh i rentgeno-diagnostike korevykh pnevmonii. Tashkent, Uzmédgiz, 1960.

161 p.

(PNEUMONIA)

(MEASLES)

(LUNGS--RADIOGRAPHY)

(MIRA 14:3)

KALMYKOV, B.N.; CHERNOVA, V.P.; IL'INA, I.S.; KISELEVA, I.V.

Pneumonia in patients with influenza during the winter outbreak
in 1959. Sber.nauch.trud.Tashkent 224116-224 162.

(MIRA 18:10)

1. Kafedra infektsionnykh bolezney (sav. kafedroy T.Kn.
Nadzhmiddinov) Tashkentskogo gosudarstvennogo meditsinskogo
instituta, Institut vaktsin i sывороток (direktor - kand. biolog.
nauk A.B. Bogdanov).

KALMYKOV, Dmitriy Mefod'yevich; BYAKOVA, L., red.

[Tomorrow of Krasnoyarsk Territory] Zavtra Krasnoiarskogo
kraia. Krasnoiarsk, Krasnoiarskoe knizhnoe izd-vo, 1963.
67 p. (KIRA 17:11)

KALMYKOV, E. S.

'Structure of the Area of Anopheles Superpictus Grassi and Its
Significance for Malaria Control in the Mountainous Regions of
Tadzhikistan.'

Tenth Conference on Parasitological Problems and Diseases with Natural
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of
Sciences, USSR, Moscow-Leningrad, 1959.

Institute of Epidemiology and Hygiene, *Lysenko*

BELYKH, D.P., kand. ist. nauk; VALYULIS, I.A.; GOTSKIY, M.V., kapitan dal'nego plavaniya [deceased]; D'YACHUK, I.L., kapitan dal'nego plavaniya; KALMYKOV, E.A., kapitan dal'nego plavaniya; KREMS, A.K., kapitan dal'nego plavaniya; KOLOTOV, N.A., dots.; PETRENKO, S.A.; RASKATOV, A.S.; FISHER, Ye.L.; DVORNAYK, B.M., otv. red.; LEVITSKIY, V.L., red.; LYUTIKOV, V.K.; MALAKHOV, N.N., red.; POL', P.A., red.; RASKATOV, A.S., red.; CHICHVARKHIN, V.S., red.; RADOSTIN, V.A., red.; LAVRENOVA, N.B., tekhn. red.

[History of Far Eastern Steamship Lines] Istorii dal'nevostochnogo parokhodstva; ocherki. Moskva, Izd-vo "Morskoi transport," 1962. 263 p. (MIRA15:11)
(Soviet Far East--Merchant marine)

KALMYKOV, F.G.

Change in oxidative processes in insects subjected to γ -rays.
Radiobiologiya 5 no.4:505-510 '65. (MIRA 18:9)

1. Voenno-meditsinskaya ordena Lenina akademiya imeni S.M.
Kirova, Leningrad.

KAIMYKOV, G. (Aul Besleney, Karachayevo-Cherkasskoy avtonomnoy oblasti).

New "IG-50" dye saves a thousand tons of wool. Prom.koop. no.7:20
Jl '57. (MLRA 10:8)

(Dyes and dyeing--Wool)

KALMYKOV, G. G.

KALMYKOV, G. G.

Water, Distilled

Automatic still, Rab. energ. 2 No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED.

KALMYKOV, G.I. (Moscow)

Partial ordering of one-dimensional Markov processes. Teor. veroiat.
i ee prim. 7 no.4:466-469 '62. (MIRA 15:11)
(Markov processes)

Transactions of the Sixth Conference (Cont.)

SOV/6371

20. Uzhdavinis, R. V. On the Problem of Distribution of Additive Arithmetical Functions of Integer Polynomials 125

MARKOV PROCESSES

21. Elagoveshchenskiy, Yu. N. On Diffusion Processes With a Small Variance 131

22. Girsanov, I. V. Ito's Stochastic Equations and Some of Their Generalizations 133

23. Kalmykov, G. I. On Semiordered Markov Processes 143

24. Nagayev, S. V. Some Problems of the Theory of Markov Processes With Discrete Time 145

25. Sarmanov, O. V. On One Method of Investigating Stationary Markov Processes 149

Transactions of the 6th Conf. on Probability Theory and Mathematical Statistics and of the Symposium on Distributions in Infinite-Dimensional Spaces held in Vil'nyus, 5-10 Sep '60. Vil'nyus Gospolitizdat Lit SSR, 1962. 493 p. 2500 copies printed

ACCESSION NR: APl045717

S/0208/64/004/005/0946/0950

AUTHOR: Kalmykov, G. I. (Moscow)

TITLE: Solution of one type of diffusion equation

SOURCE: Zhurnal vyshchislitel'noy matematiki i matematicheskoy fiziki, v. 4, no. 5, 1964, 946-950

TOPIC TAGS: Markov process, diffusion equation, explicit representation

ABSTRACT: Differential equations

$$\frac{\partial f}{\partial t} = \frac{\partial^2}{\partial y^2} [a(y) / (t, x, y)] - \frac{\partial}{\partial y} [b(y) / (t, x, y)]; \quad (1)$$

$$\frac{\partial f}{\partial t} = a(x) \frac{\partial^2}{\partial x^2} f(t, x, y) + b(x) \frac{\partial}{\partial x} f(t, x, y), \quad (2)$$

are the forward and backward equations of Kolmogorov which arise in the study of Markov processes. Here $\{\xi(t)\}$ is a stationary Markov process, $p(x)$ is the density of the stationary distribution, $f(t, x, y)$ is the density of the passage probability, and $p(t, x, y) = p(x)f(t, x, y)$ denotes the density of the joint distribution of the random variables ξ_0 and ξ_{0+t} . The author is interested in finding the density of the stationary distribution and the density of the passage probability

Card 1/2

ACCESSION NR: AP4036710

8/0020/64/156/002/0251/0254

AUTHOR: Kalmykov, G. I.

TITLE: On the reciprocity of the Feller processes

SOURCE: AN SSSR. Doklady*, v. 156, no. 2, 1964, 251-254

TOPIC TAGS: Markovian process, Feller process, diffusion equation, density distribution, reciprocity, reversibility

ABSTRACT: The purpose of this paper was to determine the conditions under which a stationary Feller process is actually reciprocal. The author based his study on the theorem of reciprocity of the Markov stationary process as discussed by A. M. Yaglom (Matem. sborn., 24 (66), 3 (1948)). This theorem is formulated by the author as follows: The reciprocal uniform Markov process, which satisfies the diffusion equations

$$\frac{\partial u(t, x)}{\partial t} = a(x) \frac{\partial^2 u(t, x)}{\partial x^2} + b(x) \frac{\partial u(t, x)}{\partial x} \quad (1)$$

Card 1/2

L 56406-45 ENT(a)/T LWP(c)

ACCESSION NR: AP4030512

UR/0020/64/156/003/0495/0498

AUTHOR: Kalmykov, G. I.

TITLE: Correlation functions of a Gaussian Markov process

SOURCE: AN SSSR. Doklady, v. 156, no. 3, 1964, 495-498

TOPIC TAGS: probability theory, Markov process, correlation

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ACCESSION NR: AP4038512

the correlation coefficient \tilde{r} is defined by the formula

$$\tilde{r} = \alpha\gamma + r(\alpha\delta + \beta\gamma) + \beta\delta. \quad (4)$$

Theorem 2. Let $R(t) = \|r_{ij}(t)\|$ be a matrix function, where $r_{ij}(t)$ have form (1), where $|r| < 1$. Then $R(t)$ is the correlation matrix function of a Gaussian Markov process if and only if: 1) the coefficients a_{ij} satisfy the equations

$$(1 - r^2) a_{11} = a_{11}^2 + a_{12} a_{21} - r a_{11} (a_{12} + a_{21}); \quad (5)$$

(6)

Card 2/2

L 50505-45

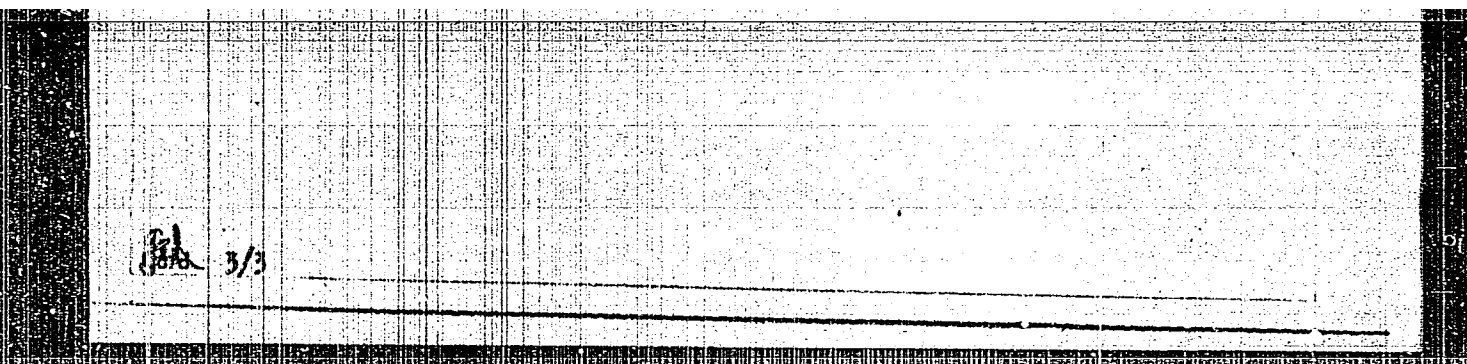
ACCESSION NR: AP4030512

$$\begin{aligned} \gamma^2 a_n + \gamma \delta (c_n + a_n) + \delta^2 a_n &= 0, \\ a^2 + 2\gamma \delta + \delta^2 &= 1, \quad \gamma^2 + 2\gamma \delta + \delta^2 = 1. \end{aligned}$$

(13)
(14)

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620210001-9



APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620210001-9"

SHCHERBATYKH, P.Ya., prof.; MALUSHKO, V.V., kand. veterin. nauk; KALMYKOV,
G.M., veterin. vrach; KOMISSAROV, K.P., veterin. vrach

Culture of the virus of infectious encephalomyelitis of horses
in tissue cultures. Veterinariia 41 no.2:21-24 F '64.

(MIRA 17:12)

1. Leningradskiy veterinarnyy institut.

TEPLITSKIY, V.A., otv. red.; KALMYKOV, G.N., red.; NOMOKOROV, V.F.,
red.

[Seismic prospecting using the grouping of shots on long
bases and the method of central rays; transactions] Seismo-
razvedka s primeneniem gruppirovaniia vzryvov na dlinnykh
bazakh i sposoba tsentral'nykh luchej; trudy. Moskva, Nedra,
1965. 106 p. (MIRA 18:10)

1. Vsesoyuznyy seminar po novoy metodike seysmorazvedki.

Kalmuk
 ABRAMOV, S.K., kand.tekhn.nauk; AVERSHIN, S.G., prof., doktor tekhn.nauk;
 AMMOSEV, I.I., doktor geol.-min.nauk; ANDRIYEVSKIY, V.D., inzh.;
 ANTERPOV, A.N., inzh.; APANAS'YEV, B.L., inzh.; BERGMAN, Ya.V.,
 inzh.; BLOKHA, Ye.Ye., inzh.; BOGACHEVA, Ye.N., inzh.; BUKRINSKIY, V.A.,
 kand.tekhn.nauk; VASIL'YEV, P.V., doktor geol.-min.nauk; VINOGRADOV,
 B.G., inzh.; GOLUBEV, S.A., inzh.; GORDIYENKO, P.D., inzh.; GUSEV, N.A.,
 kand.tekhn.nauk; DONOKHIN, I.V., kand.geol.-min.nauk; KALMYKOV, G.S.,
 inzh.; KASATOCHKIN, V.I., doktor khim.nauk; KOROLEV, I.V., inzh.;
 KOSTLIVTSEV, A.A., inzh.; KRATKOVSKIY, L.F., inzh.; KRASHENINNIKOV, G.F.,
 prof. doktor geol.-min.nauk; KRIKUNOV, L.A., inzh.; LEVIT, D.Ye., inzh.;
 LISITSA, I.G., kand.tekhn.nauk; LUSHNIKOV, V.A., inzh.; MATVEYEV, A.K.,
 dots., kand.geol.-min.nauk; MEMPURISHVILI, G.Ye., inzh.; MIRONOV, K.V.,
 inzh.; MOLCHANOV, I.I., inzh.; NAUMOVA, S.N., starshiy nauchnyy sotrudnik;
 NEKIPILOV, V.Ye., inzh.; PAVLOV, F.F., doktor tekhn.nauk; PANYUKOV, P.N.,
 doktor geol.-min.nauk; POPOV, V.S., inzh.; PYATLIN, M.P., kand.tekhn.
 nauk; RASHKOVSKIY, Ya.B., inzh.; ROMANOV, V.A., prof., doktor tekhn.
 nauk; RYZHOV, P.A., prof., doktor tekhn.nauk; SEL'YATITSKIY, G.A., inzh.;
 SPERANSKIY, M.A., inzh.; TEREENT'YEV, Ye.V., inzh.; TITOV, N.G., doktor
 khim.nauk; GOKHAREV, I.F., inzh.; TROYANSKIY, S.V., prof., doktor geol.-
 min.nauk; FEDOROV, B.D., dots., kand.tekhn.nauk; FEDOROV, V.S., inzh.
 [deceased]; KHOMENTOVSKIY, A.S., prof., doktor geol.-min.nauk; TROYANOV-
 SKIY, S.V., otvetstvennyy red.; TERPIGOREV, A.M., red.; KRIKUNOV, L.A.,
 red.; KUZNETSOV, I.A., red.; MIRONOV, K.V., red.; AVERSHIN, S.G., red.;
 BURTSSEV, M.P., red.; VASIL'YEV, P.V., red.; MOLCHANOV, I.I., red.;
 RYZHOV, P.A., red.; BALANDIN, V.V., inzh., red.; BLOKH, I.M., kand.
 tekhn.nauk, red.; BUKRINSKIY, V.A., kand.tekhn.nauk, red.; VOLKOV, K.Yu.,
 inzh., red.; VOROB'YEV, A.A., inzh., red.; ZVONAREV, K.A., prof. doktor
 tekhn.nauk, red.

(Continued on next card)

ABRAMOV, S.K.-- (continued) Card 2.

ZDANOVICH, V.G., prof., doktor tekhn.nauk, red.; IVANOV, G.A., doktor
geol.-min.nauk, red.; KARAVAYEV, N.M., red.; KOROTKOV, G.V., kand.geol.-
min.nauk, red.; KOROTKOV, M.V., kand.tekhn.nauk, red.; MAKKAVEYEV, A.A.,
doktor geol.-min.nauk, red.; OMEL'CHENKO, A.N., kand.tekhn.nauk, red.;
SENDERZON, E.M., kand.geol.-min.nauk, red.; USHAKOV, I.N., dots., kand.
tekhn.nauk, red.; YABLOKOV, V.S., kand.geol.-min.nauk, red.; KOROLEVA,
T.I., red.izd-va; KACHAIKINA, Z.I., red.izd-va; PROZOROVSKAYA, F.L.,
tekhn.red.; NADDEINSKAYA, A.A., tekhn.red.

[Mining; an encyclopedia handbook] Gornoe delo; entsiklopedicheski
apravochnik. Glav. red. A.M.Terpigorev. Moskva, Gos.nauchno-tekhn.
izd-vo lit-ry po ugol'noi promyshl. Vol.2. [Geology of coal deposits
and surveying] Geologiya ugol'nykh mestorozhdenii i marksheiderskoe
delo. Redkolegiia toma S.V.Troianskiy. 1957. 646 p. (MIRA 11:5)

1. Chlen-korrespondent AN SSSR (for Karavayev)
(Coal geology--Dictionaries)

~~KALMYKOV, G. S.~~

Study of organic sulfur contained in Kizel coals based on data of
microscopic and chemical analyses. Razved. i okh. nedr 24 no.3:18-22
Mr '58. (MIRA 11:5)

1. Glavnoye upravleniye geologii i okhrany nedr pri Sovete Ministrov
RSFSR.

(Kizel Basin--Sulfur)

KALMYKOV, G. S., Cand og Geol-Min Sci -- (diss) "Petrographic Composition and the
Metamorphism of Coal of the Kizelovskiy Coal Basin," Moscow, 1959, 26 pp (K Moscow
Geological Prospecting Institute im S. Ordzhonikidze; Main Administration of Geology
Conservation of Minerals under the Council of Ministers RSFSR) (KL, 5-60, 12h)

14(5)

SOV/132-59-8-17/18

AUTHORS: Kalmykov, G.S., and Molchanov, I.I.

TITLE: Intensify the Prospecting for Coal Deposits Suitable for Coking and Opencast Mining in East Siberia

PERIODICAL: Razvedka i okhrana nedr, 1959, Nr 8, pp 60-61 (USSR)

ABSTRACT: A conference called by the Sektsiya uglya i goryuchikh slantsev ekspertno-geologicheskogo soveta Glavgeologiya RSFSR (the Coal and Oil Shales Section of the Expert-Geological Council of the Glavgeologiya of the RSFSR) took place on 17-19 June 1959 in Irkutsk. The aim of the Conference was to discuss a possible occurrence of new, and further development of already discovered binding coal deposits for opencast mining in the Irkutsk, Kansk-Achinsk, Tunguska, and Minusinsk coal basins. Representatives of the Ministerstvo geologii i okhrany nedr SSR (Ministry of Geology and Conservation of Mineral Resources of the USSR), of the USSR and

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SOV/132-59-8-17/18

Intensify the Prospecting for Coal Deposits Suitable for Coking
and Opencast Mining in East Siberia

RSFSR Gosplans, of the Irkutsk and Krasnoyarsk Sovnarkhozes, and of scientific-research and planning institutes took part in the conference. The situation in the Irkutsk coal basin was especially studied in connection with the planned building of the Tayshetskiy metallurgicheskiy zavod (Tayshet Metallurgical Plant), which will require large quantities of binding coals for its furnace charges. The basin, with a superface of about 36,000 sq km has been only partly explored. At present only the Chermkhovo coal deposit is being mined. Its reserves are assessed at 737 million tons. In 1958, 14.7 million tons were mined, mainly by the opencast method. Favorable geological conditions, and the high quality of coal characterize this deposit, but in about 20-25 years it will be exhausted. Other coal deposits of the Irkutsk Basin are the Azeyskoye, the Novometelkinskoye and Karantsayskoye

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SOV/132-59-8-17/18

Intensify the Prospecting for Coal Deposits Suitable for Coking
and Opencast Mining in East Siberia

deposits. The Azeyskoye deposit consists of brown coal, situated near the railway main line. An opencast mine will be operated here, with a general capacity of 6 million tons a year. The Novometelkinskoye deposit is situated 80 km to the south of the main railway. It is composed of well binding gas coals, but the content of sulfur is 6 to 8%, which limits the possibility of producing the needed metallurgical coke. The Karantsayskoye deposit has huge (over 1.3 billion tons) amounts of gas coal, partly with a high sulfur content, and its exploitation is made difficult by geological and mining conditions. The Karmagay deposit situated in the trans-Angara part of the Irkutsk basin is composed of deep coal strata. The coal has a high ash content, and owing to difficult mining conditions, is of little industrial interest. The Expert-Geological Council

Card 3/4

SOV/132-59-8-17/18

Intensify the Prospecting for Coal Deposits Suitable for Coking
and Opencast Mining in East Siberia

therefore recommended a sharp increase in the volume of exploratory and prospecting work in the entire basin. The country's largest deposits were discovered in the Kansk-Achinsk Basin. The annual reserves of coal in the Basin are evaluated at 79.7 million tons. Four coal deposits are already being explored: the Itat, Bogotol, Nazarovka and Irsha-Borodino deposits. The last two are already being exploited. The Council advises the Krasnoyarskoye geologicheskoye upravleniye (Krasnoyarsk Geological Administration) to further proceed with its exploration of the above region. This exploration must be terminated in 1960-1961. The Council also recommends further geological exploration of the Tunguska basin, especially in the Angara region.

ASSOCIATION: Glavgeologiya RSFSR

Card 4/4

KALMYKOV, G.S.

Organic sulfur in Kizel coals according to data of microscopic
and chemical analysis. Trudy IGI 8:183-197 '59.

(MIRA 13:1)

(Kizel Basin--Coal--Analysis)

*Main Administration of Geology & Protection of
Mineral Resources, Council of Ministers RSFSR*

VASIL'YEV, P.V.; YERSHOV, A.D., glavnyy red.; CHERNOSVITOV, Yu.L., zam. glavnogo red.; SHMANENKOV, I.V., zam.glavnogo red.; KALMYKOV, G.S., nauchnyy red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; ZUBAREV, N.N., red.; KREYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'YEV, D.V., red.; KHRUSHCHOV, N.A., red.; FEDOROVA, L.N., red.izd-va; IVANOVA, A.G., tekhn.red.

[Industry's requirements as to quality in mineral raw materials; a handbook for geologists] Trebovaniya promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd.2., perer. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr. No.66. [Coal] Ugol'. Nauchn.red.G.S.Kalmykov. 1960. 110 p. (MIRA 14:6)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.

(Coal)

KALMYKOV, G.S.; AMOSOV, I.I., otv.red.; PEVZNER, G.Ye., red.izd-va;
KOLOKOL'NIKOV, K.A., tekhn.red.

[Petrographic composition and metamorphism of Kizel Basin
coals; experiment in quantitative coal petrography] Petrogra-
ficheskii sostav i metamorfizm uglei Kizelovskogo basseina;
opyt kolichestvennoi uglepetrografii. Moskva, Izd-vo Akad.nauk
SSSR, 1960. 117 p. (MIRA 14:2)
(Kizel Basin--Coal) (Mineralogy, Determinative)

VASIL'YEV, Petr Vasil'yevich; YERSHOV, A.D.; glavnyy red.; KREYTER, V.M.,
zam. glavnogo red.; KALMYKOV, G.S.; red; BRITAYEV, M.D.; red.;
KRASNIKOV, V.I., red.; MALYSHEV, I.I.; red.; MOMDZHI, G.S., red.;
SAAKYAN, P.S., red.; SMIRNOV, V.I., red.; SOLOV'YEV, D.V., red.;
CHERNOSVITOV, Yu.L., red.; KHRUSHCHOV, N.A., red.; PANOVA, A.I.,
red.izd-va; GUROVA, O.A., tekhn.red.

[Coal] Ugol'. Moskva, Gos.nauchn.-tekhn.izd-vo lit-ry po geol.
i okhrane neдр, 1960. 343 p. (Otsenka mestorozhdenii pri
poiskakh i razvedkakh, no. 5) (MIRA 14:2)
(Mine examination) (Coal)

ANMOSOV, I.I.; BABASHKIN, B.G.; GRECHISHNIKOV, N.P.; YEREMIN, I.V.;
KAIMYKOV, G.S.; PRYANISHNIKOV, V.K.

[Industrial and genetic classification of U.S.S.R. coals;
basis for classification] Promyshlenno-geneticheskaya klas-
sifikatsiya uglei SSSR; osnovy klassifikatsii. Moskva,
Nauka, 1964. 174 p. (MIRA 17:11)

KALMYKOV, G.V.

Some problems of information work at the Azerbaijan Pipe Mill.

NTI no.9:13-14 '64.

(MIRA 18:2)

1. Starshiy inzh. Upravleniya nauchno-tekhnicheskoy informatsii
i propagandy Gosudarstvennogo komiteta po koordinatsii nauchno-
issledovatel'skikh rabot SSSR.

KALMYKOV, I., inzhener-podpolkovnik

Automatic control of outdoor lighting. Iyl 1 snat. Sov. Voor. Sil 21
no. 2:85-86 F '61. (MIRA 14:6)

(Targets (Military science))

KALMYKOV, I. A.

KALMYKOV, I. A.

Agriculture & Plant & Animal Industry

Experience of the Mal'tsev cattle breeders. Smolenskoe obl. gos. izd-vo, 1950.

Monthly List of Russian Accessions, Library of Congress, April 1952 . UNCLASSIFIED.

KALMYKOV, I.A., inzh.

Automation of low-pressure boiler feed. Prom. energ. 18
no.10:19-21 0 '63. (MIRA 16:10)

KALMYKOV, I.A., inzh.

Automatic switch for indoor lighting networks. Svetotekhnika 8
no.1:26-27 Ja '62. (MIRA 15:1)
(Electric lighting) (Electric switchgear)

9(6)

SOV/101-59-2-10/13

AUTHOR: Kalmykov, I.I.

TITLE: Replacement of Straight Corona Electrodes in Electric
Filters of Ts -8 Type, with Spiral Electrodes

PERIODICAL: Tsement, 1959, Nr 2, p 29 (USSR)

ABSTRACT: The author states that in the grinding workshop of the Leningradskiy tsementnyy zavod (Leningrad Cement Plant), type Ts-8 electrofilters have been provided with corona electrodes made of Ni Cr alloy wire of 2 mm diameter. During the work, and in spite of continuous operation of filters, the wires became covered with a large deposit of cement dust. For the purpose of removal of the dust deposit, operation of the filters should be temporarily stopped. I.I. Ivakin, foreman of the electrical workshop, has suggested to replace the straight filter wires by spiral wires, shown in Figure 1. The increased vibration of the wires permits the dust to be shaken down. The electrofilter contains corona frames made of metal tubes

Card 1/2

SOV/101-59-2-10/13

Replacement of Straight Corona Electrodes in Electric Filters of
Ts-8 Type, with Spiral Electrodes

of 20 mm diameter. The total number of the electrodes is 448. Prior to replacement, the total length of the electrodes was 1,400 m. The installed spiral electrodes are of 20 mm diameter and 15 mm pitch. The steel wire is of 1.8 mm. Total length is 2,240 m. The author concludes that such replacement may take place at any cement plant equipped with electrofilters of similar design. There is 1 diagram.

Card 2/2

И. И. Калмыков
KALMYKOV, I., inzh.

~~Electric transformer. Stroitel' no.3:15 Mr '58.~~
(Electric transformers)

(MIRA 11:2)

SHCHUKIN, V.K.; KALMYKOV, I.I.; ZINGER, N.M., kand. tekhn.nauk,
retsensent; TAL'KO, O.S., inzh., red.; EL'KIND, V.D., tel'm.
red.

[Gas ejectors]Gazostruinye kompressory. Moskva, Mashgiz,
1963. 145 p. (MIRA 16:8)
(Compressors)

KALMYKOV, I.Kh.; ADZHIYEV, I.M., red.; GORA, G.T., red.; MOKROTQVAROV,
N.G., tekhn.red.

[Culture and mode of life of a Circassian collective farm village;
based on materials of the Stalin Collective Farm, Khabez District,
Karachaevo-Cherkessk Autonomous Territory] Kul'tura i byt cherkesskogo
kolkhoznogo aula; po materialam sel'khozarteli imeni Stalina,
Khabezskogo raiona, Karachaevo-Cherkesskoi avtonomnoi oblasti. Pod
red. I.M.Adshieva. Cherkessk, Karachaevo-Cherkesskii nauchno-issl.
in-t istorii, iazyka i literatury, 1957. 104 p. (MIRA 12:7)
(Circassia--Rural conditions)

KALMYKOV, I.V., inzh.

Selection and calculation of diode components for universal
functional converters. Trudy MAI no.155:72-77 '64. (MIRA 17:11)

STANISLAVSKIY, L.Ya., kand.tekhn.nauk; MINATSEVICH, E.N., inzh.;
KALMYKOV, I.Z., inzh.

Encapsulated hydrogenerators of the Kiev Hydroelectric
Power Station. Elektrotehnika 36 no.12:1-4 D '65.
(MIRA 1971)

L 09085-67

ACC NR: AP7002376

SOURCE CODE: UR/0104/66/000/007/0030/0033

AUTHOR: Potashnik, S. I. (Engineer); Kalmykov, I. Z. (Engineer); Stroganov, Ye. M. (Engineer); Kozhevnikov, N. N.; Tsizin, N. G. (Engineer); Papanov, A. V. (Engineer); Beschastnov, G. A. (Engineer); Balakirev, V. F. (Engineer)

ORG: none

TITLE: Increasing the power effectiveness of horizontal capsule hydroelectric units

SOURCE: Elektricheskkiye stantsii, no. 7, 1966, 30-33

TOPIC TAGS: hydroelectric power plant, electric power production

ABSTRACT: At the Kiev Hydroelectric Station, which was the first low pressure hydroelectric station with horizontal capsule hydroelectric units in the country, the usage of these horizontal units allowed a reduction in cost of construction and installation operations in comparison with vertical units of 20-25%. This article presents an evaluation of the power qualities of the capsule hydroelectric units on the basis of results of usage and investigations performed, as well as some suggestions for increasing these qualities. The author concludes that the horizontal capsule unit can operate normally in the synchronous compensator mode with a power of 15 Mvar without removal of water from the reflex condensation chamber. The thermal state of the rotor windings allows operation with a power coefficient less than unity, which provides for distribution of the reactive power in peak hours and increases the static stability of the capsule hydrogenerators. The usage of capsule generators in the synchronous compensation mode is economically justified. Orig. art. has: 3 figures. [JPRS: 37,564]

SUB CODE: 10 / SUBM DATE: none

Card 1/165

UDC: 62.224-131.2

0925 0682

E 31020-66

ACC NR: AF6022966

SOURCE CODE: UR/0292/65/000/012/0001/0004

AUTHOR: Stanislavskiy, L. Ya. (Candidate of technical sciences); Minatsevich, E. N. (Engineer); Kalmykov, I. Z. (Engineer)

ORG: none

36
8

TITLE: Capsule hydrogenerators of the Kiev hydroelectric station

SOURCE: Elektrotehnika, no. 12, 1965, 1-4

TOPIC TAGS: hydroelectric power plant, turbine

ABSTRACT: The Kiev hydroelectric station was equipped in 1964-1965 with four capsule hydro sets - directly connected generators and turbines. These are first of the 20 hydro sets SGK 538/160-70, and the paper gives detailed characteristics of these 16,300 kVA units and discusses the peculiarities of their design, construction, and assembly. Their power factor is 1, voltage 3,150 V, stator current 2,990 A, rated speed 85.7 rev/sec, and the induction within the air gap during idling 7,500 Gauss. Tests showed a very good agreement between the theoretical and experimentally measured characteristics of the units. Results obtained thus far confirm the feasibility of capsule generator design and indicate that their power can be increased by a substantial amount. Electrical tests were carried out by the NIITEM ? under the direction of Eng. P. Ya. Kartashevskiy, while the material strength tests were carried out by the Scientific-Research Station (Nauchno-issledovatel'skaya stantsiya) of the Gidroyekt under the direction of Eng. G. A. Beschastnov. Orig. art. has: 5 figures and 3 tables. [JPRS]

SUB CODE: 10 / SUBM DATE: none / ORIG REF: 002

Card 1/1 ✓ C

UDC: 621.313.322-82.001.3

KALMYKOV, I.Z., inzh.

Analytical expression of a demagnetization curve of permanent
magnets. Vest. elektrom. 34 no.1:71-73 Ja '63. (MIRA 16:1)
(Magnetic circuits) (Magnets)

1. KALINIKOV, K.
2. USSR (600)
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